

09/823,399; February 25, 2004

median* and (edge* or contour* or gradient*) and (detect* or determination* or ascertain* or discriminat* or discover* or exist* or presenc*) and (imag* or pictur* or video* or pixel* or pel or pels or scene*) and (compres* or cod* or encod*)

MED and edge* and detect* and (compres* or cod* or encod*)

Median* and edge* and detect* and predict*

Predict* and new and lossless and image and compression and standard – derived from a reference that has the Median Edge Detector

L Number	Hits	Search text	DB	Time stamp
-	2	JP-2001043363-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/02/24 03:16
-	7	("5680129" "5778092" "5960116" "5903676" "6038346" "6021227" "6125348").pn.		2004/02/24 03:24
-	18	("5680129" "5778092" "5960116" "5903676" "6038346" "6021227" "6125348").pn. JP-2001043363-\$.did. 20020176631.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 05:16
-	227	lempel same ziv same lzw	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 06:24
-	37646	341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 05:18
-	150	(lempel same ziv same lzw) and (341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 05:18
-	8155	(context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or N or W or NE or NW or juxtapos\$4) near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1) same (mixed or compound adj1 (image\$1 or picture\$4 or document\$1) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1) near4 (CG or graphic\$1) near4 (text\$4 or character\$1 or drawing\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 07:55

09/823,399

-	103	<p>(341/507.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or N or W or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>same (mixed or compound adj1 (image\$1 or picture\$4 or document\$1) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1) near4 (CG or graphic\$1) near4 (text\$4 or character\$1 or drawing\$1))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/02/24 06:26
-	11522	<p>(previous\$3 or histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>same (mixed or (multimode\$1 or multi adj1 mode\$1 or compound) adj1 (image\$1 or document\$1 or picture\$4) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1 or non adj1 character\$1 or halfon\$3 or half adj1 ton\$3 or text near graphic\$1 or dither\$4) near7 (artificial\$4 or synthetic\$4 or CG or graphic\$1 or bi adj1 level\$1 or black near white or text\$4 or character\$1 or drawing\$1 or diagram\$1 or text near graphic\$1))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/02/24 07:58

-	688	<p>(341/507.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((previous\$3 or histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>same (mixed or (multimode\$1 or multi adj1 mode\$1 or compound) adj1 (image\$1 or document\$1 or picture\$4) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1 or non adj1 character\$1 or halfon\$3 or half adj1 ton\$3 or text near graphic\$1 or dither\$4) near7 (artificial\$4 or synthetic\$4 or CG or graphic\$1 or bi adj1 level\$1 or black near white or text\$4 or character\$1 or drawing\$1 or diagram\$1 or text near graphic\$1))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 07:59
-	729	<p>(previous\$3 or histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>near7 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)</p> <p>same (mixed or (multimode\$1 or multi adj1 mode\$1 or compound) adj1 (image\$1 or document\$1 or picture\$4) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1 or non adj1 character\$1 or halfon\$3 or half adj1 ton\$3 or text near graphic\$1 or dither\$4) near7 (artificial\$4 or synthetic\$4 or CG or graphic\$1 or bi adj1 level\$1 or black near white or text\$4 or character\$1 or drawing\$1 or diagram\$1 or text near graphic\$1))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 08:00

-	48	<p>(341/507.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((previous\$3 or histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>near7 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)</p> <p>same (mixed or (multimode\$1 or multi adj1 mode\$1 or compound) adj1 (image\$1 or document\$1 or picture\$4) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1 or non adj1 character\$1 or halfon\$3 or half adj1 ton\$3 or text near graphic\$1 or dither\$4) near7 (artificial\$4 or synthetic\$4 or CG or graphic\$1 or bi adj1 level\$1 or black near white or text\$4 or character\$1 or drawing\$1 or diagram\$1 or text near graphic\$1))</p> <p>)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 08:00
---	----	---	---	------------------

-	44	<p>((341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((previous\$3 or histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>near7 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)</p> <p>same (mixed or (multimode\$1 or multi adj1 mode\$1 or compound) adj1 (image\$1 or document\$1 or picture\$4) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1 or non adj1 character\$1 or halfton\$3 or half adj1 ton\$3 or text near graphic\$1 or dither\$4) near7 (artificial\$4 or synthetic\$4 or CG or graphic\$1 or bi adj1 level\$1 or black near white or text\$4 or character\$1 or drawing\$1 or diagram\$1 or text near graphic\$1))</p> <p>)) not ((341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or N or W or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>same (mixed or compound adj1 (image\$1 or picture\$4 or document\$1) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1) near4 (CG or graphic\$1) near4 (text\$4 or character\$1 or drawing\$1))</p> <p>))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 08:36
---	----	---	---	------------------

-	997	<p>(histor\$ or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near4 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>near4 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)</p> <p>same (compres\$7 or encod\$4 or cod\$4 or vl\$1 or pcm\$1 or arithmetic\$4 or huffman\$1 or entrop\$5 or variable adj1 length\$1 or lossless\$3 or CAE or CALIC)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 08:52
-	177	<p>(341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near4 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>near4 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)</p> <p>same (compres\$7 or encod\$4 or cod\$4 or vl\$1 or pcm\$1 or arithmetic\$4 or huffman\$1 or entrop\$5 or variable adj1 length\$1 or lossless\$3 or CAE or CALIC)</p> <p>)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 08:53

-	158	<p>((341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near4 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>near4 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)</p> <p>same (compres\$7 or encod\$4 or cod\$4 or vl\$1 or pcm\$1 or arithmetic\$4 or huffman\$1 or entrop\$5 or variable adj1 length\$1 or lossless\$3 or CAE or CALIC)) not ((341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or N or W or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p> <p>same (mixed or compound adj1 (image\$1 or picture\$4 or document\$1) or (natural or image\$1 or picture\$1 or photo\$1 or photographic\$4 or bitmap\$3 or bit adj1 map\$3 or contone\$1 or continuous near tone\$1) near4 (CG or graphic\$1) near4 (text\$4 or character\$1 or drawing\$1)) not (((341/50-107.ccls. or 341/143.ccls. or 345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or 358/1.16.ccls. or 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or 386/109-112.ccls. or 707/101.ccls. or 707/104.1.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((previous\$3 or histor\$6 or templat\$4 or context\$4 or neighb\$5 or nieghb\$5 or adjacen\$4 or proxim\$4 or surround\$4 or vicinit\$4 or circumjacen\$3 or CM or CX or CTX or north or west or northwest\$4 or northeast\$4 or NE or NW or juxtapos\$4)</p> <p>near7 (pixel\$1 or pel\$1 or picture adj1 element\$1 or point\$1 or dot\$1 or sample\$1 or value\$1)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 08:53
Search History	2/25/04	8:32:05 AM Page 7 near7 (segment\$7 or type\$1 or kind\$1 or class\$4 or classify\$7 or categor\$8 or recogni\$6 or identif\$8 or discrimin\$6)		
C:\APPS\EAST\Workspac				